

Patent claims

1. A protein powder, including at least one protein source and one stabilizer, selected from esterified pectin and/or carboxymethylcellulose, which is obtainable by:
 - mixing a protein source with a stabilizer,
 - heating the mixture
 - homogenizing the mixture, and
 - drying the mixture to obtain a powder.
2. A protein powder as claimed in claim 1, characterized in that the mixing of the protein source with a stabilizer takes place in a liquid medium.
3. A protein powder as claimed in claim 1 or 2, characterized in that the pH value is lowered to < 4.5 before drying.
4. A protein powder as claimed in one of claims 1 to 3, characterized in that the protein content in the protein powder exists in a quantity of 10 to 90 percent by weight.
5. A protein powder as claimed in one of claims 1 to 3, characterized in that the protein source is selected from cow milk, soy milk, whey and mixtures thereof.
6. A protein powder as claimed in one of claims 1 to 4, characterized in that the stabilizer in the protein powder exists in a quantity of 1 to 30 percent by weight.
7. A method of producing a protein powder, including at least one protein source and one stabilizer selected from esterified pectin and/or carboxymethylcellulose, comprising the following steps:
 - mixing the protein source with a stabilizer,
 - heating the mixture
 - homogenizing the mixture and
 - drying the mixture to obtain a powder.

8. Use of the protein powder as claimed in one of claims 1 to 6 for producing a protein-containing drink.
9. A method of producing a protein-containing drink, comprising the following steps:
 - solving a protein powder according to one of claims 1 to 6 in a liquid medium,
 - heating the liquid, and
 - homogenizing the liquid.
10. A method as claimed in claim 9, characterized in that the liquid after dissolving the powder is acidified to a pH value of < 4.5 .
11. A method of producing a protein-containing drink, comprising the following steps:
 - solving a protein powder according to one of claims 1 to 6 in a liquid medium,
 - use for instant consumption.
12. A protein-containing drink, which can be obtained by the method according to one of claims 9 to 11.